

ARS Funded Projects

ARS ID#	Agreement #	Lead Foreign Institute	Foreign PI	Other Foreign Institutes	Name(s) of ARS scientist(s)	ARS location	Title	Date proposal funded	Current status
Country: Kazakhstan									
228 (ARS# 235)	K-896	JSC Institute of Experimental Biology	Toishibekov, Y. & Vasilkova, M.	Scientific Research Agricultural Institute	Blackburn, Harvey	National Center for Genetic Resources Preservation Fort Collins, CO	The conservation, management and cryopreservation of genetically diverse sheep breeds in Kazakhstan	1/1/2003	Completed
452 (ARS# 464)	K-1322	Institute of Industrial Biotechnology	Valeri Zhilkin		William Orts and Dominic Wong	Western Regional Research Center Albany, CA	Development of the Technology for Production Refined Enzymatic Agents	7/1/2006	Completed
459 (ARS# 471)	K-1313	Institute of Industrial Biotechnology	Talzhonov, N., Alimkhojayev, K., Gilmanov, M.	Research Institute of the Problems of Biology and Biotechnology, Kazakh National University	William Orts and George Robertson	Western Regional Research Center Albany, CA	Perfection of Manufacturing Technologies of "Dried" Gluten, starch liquid and new bioregulators from wheat grain	2/1/2006	Completed
463 (ARS# 476)	K-1251	Institute of Industrial Biotechnology	V. Kenzhebayev		Paul Weimer and Richard Muck	US Dairy Forage Lab Madison, WI	Development of the technology for biosynthesis and production of a preparation for fermental fractionation of cellulose at coarse-stem plants siloing	8/1/2006	Completed
410 (ARS# 421)	K-297p	M.A. Ayt Khozhin's Institute of Molecular Biology and Biochemistry	Gilmanov, Murat	Scientific Research Agricultural Institute	Cheung, Andrew	Virus and Prion Diseases of Livestock Research Unit Ames, IA	The development of bioregulators for acceleration of growing tissue and cell cultures used in virology	3/1/2005	Completed

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154 (ARS# 160)	K-525p	Institute of Microbiology and Virology	Berezin, V.	Scientific Research Agricultural Institute	Fetterer, Ray (was Harry Danforth)	Animal Parasitic Diseases Laboratory Beltsville, MD	ISCOMs Delivery of Recombinant Coccidial (Eimeria) Antigens	11/1/2000	Completed
218 (ARS# 225)	K-747p	Institute of Microbiology and Virology	Berezin, V.	Scientific Research Agricultural Institute	King, Daniel J.	Southeast Poultry Research Laboratory Athens, GA	Phylogenetic analysis of Central Asia isolates of avian/swine influenza virus and NDV paramyxovirus and enhancing of avian virus vaccination protocols using new techniques	1/1/2002	Completed
436 (ARS# 447)	K-1189	Institute of Microbiology and Virology	Bekmakhanova, Nadiya Ermukhanovna		Meyer, Susan, Masler, Edward & Zasada, Inga	Nematology Laboratory Beltsville, MD	Biologically active compounds from microscopic fungi for use against plant-parasitic nematodes	9/1/2005	Completed
568 (ARS# 586)	K-1896	Institute of Plant Biology and Biotechnology	Leonid Mamonov		Charles Cantrell, Samir Ross	Natural Products Utilization Research University, MS	Discovery of Natural Product Based Pesticides (herbicidal, algacidal, insecticidal, and fungicidal) from Flora of Kazakhstan	11/1/2010	Funded
580 (ARS# 599)	K-1920	Institute of Plant Biology and Biotechnology	Irina Kovalchuk	Research Institute for Biological Safety Problems, NCB	Barbara Reed and Malli Aradhya	National Clonal Germplasm Repository - Corvallis Corvallis, OR	Estimation of Apricot and Pear Genetic Diversity and Germplasm Preservation in Kazakhstan	12/1/2011	Funded
183 (ARS# 190)	K-428p	Institute of Plant Physiology, Genetics and Bioengineering, NCB	Kovalchuk, I.		Reed, Barbara	National Clonal Germplasm Repository - Corvallis Corvallis, OR	Preservation of germplasm of fruit, berry cultures and grapes in Kazakhstan	11/1/2001	Completed

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240 (ARS# 247)	K-790p	Institute of Plant Physiology, Genetics and Bioengineering, NCB	Mamonov, L. & Kalmykov, E.		Cantrell, Charles	Natural Products Utilization Research University, MS	Identification and Separation of Kazakhstan's Natural Products of Agricultural Use	1/1/2002	Completed
413 (ARS# 424)	K-486	Institute of Soil Science	T. Djalankuzov & O. Boiko	Scientific Research Agricultural Institute	Warren Busscher	Coastal Plain Soil, Water & Plant Conservation Research Florence, SC	Methods of Agroamelioration of Soil Strength and Fertility Problems for Irrigated Cotton Production Management on Sierozem Soil	11/1/2005	Completed
138 (ARS# 143)	K-444p	Kazakh Research Institute of Ecology and Climate	Lebed, L.V., Kosinov, A.N., & Chebotar, E.	Biomedpreparat - Monitoring Lab Scientific Research Agricultural Institute	Doraiswamy, Paul	Hydrology and Remote Sensing Beltsville, MD	Moisture supply effective inspection modern technology development for spring wheat with harvest and disease damage forecasting and recommendations for protection plants on the Kazakstan territory	9/1/2001	Completed
451 (ARS# 463)	K-1396	Kazakh Research Institute of Ecology and Climate	Lyubov Lebed	Research Institute for Biological Safety Problems, NCB	Philip Heilman	Southwest Watershed Research Tuscon, AZ	To restore regular monitoring of pasturelands of Kazakhstan on the basis of space and ground information in a context of profitable economic usage, decrease of paces of a desertification and stabilization of balance CO2 in atmosphere	5/1/2006	Funded
501 (ARS# 517)	K-1704	Research Institute for Biological Safety Problems, NCB	Valentin Zaitsev		Rose Hammond & Lev Nemchinov	Molecular Plant Pathology Lab Beltsville, MD	Development of Methods to Construct Recombinant Prophylactic Means for Sheep Pox with Use of Transgenic Plants	6/1/2009	Funded
665	KZ-27	Research Institute for Biological Safety Problems, NCB	Seidigapbar Mamadaliyev		David Suarez	Southeast Poultry Research Laboratory Athens, GA	EPIZOOTOLOGICAL MONITORING AND BIOLOGICAL CHARACTERIZATION OF THE AVIAN INFLUENZA (AI)	1/21/2011	Funded

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142 (ARS# 148)	K-516p	Scientific Research Agricultural Institute	Mambetaliyev, M.		Rodriguez, Luis	Plum Island Animal Disease Center Orient Point, NY	Biological and Genetic Characterization of Animal Pathogens	11/1/2000	Completed
236 (ARS# 243)	K-374	Scientific Research Agricultural Institute	Rsaliyev, S.		Kolmer, Jim	Cereal Disease Laboratory Saint Paul, MN	Study of Natural Populations of Wheat Rust Agents in Kazakhstan	12/1/2001	Completed